

In the Claims

1-116. (Cancelled)

117. (Currently amended) A yield monitor for a forage accumulating machinery, comprising:

a volume increment accumulation measuring device generating a volume increment accumulation signal substantially related to a forage mass; and

a computer that receives said volume increment accumulation signal and generates a yield amount based upon said accumulation signal, a forage processing machinery groundspeed, a bale cross-section, and forage processing machinery intake parameters.

118. (Currently amended) The yield monitor of claim 117, wherein said forage processing machinery intake parameters comprise a cut width, ~~a bale cross-section~~, and a bale chamber density/pressure.

119. (Original) The yield monitor of claim 117, wherein said forage accumulating machinery comprises a square baler.

120. (Original) The yield monitor of claim 117, wherein said forage accumulating machinery comprises a square baler and wherein said volume increment accumulation measuring device comprises a bale travel sensor.

121. (Original) The yield monitor of claim 117, wherein said forage accumulating machinery comprises a square baler and wherein said volume increment accumulation measuring device comprises a measuring wheel that rotates in response to a movement of a forming bale.